

Grounding & Bonding Solutions

Innovative Designs

For Faster, Safer and More Economical Installations

Efficiency is critical when you have installers on the clock... but not at the expense of safety. Our grounding and bonding products are specially designed to facilitate fast and easy deployments — while ensuring secure and reliable installations, and compliance with increasingly rigid electrical codes.

Designed for quality, durability and longevity

Since metal can vary widely in its composition and properties, proper selection of raw materials is essential to ensure that the finished product meets the requirements of its intended application. All materials used in our bonding and grounding hardware meet important industry standards — and are subjected to inbound quality assurance and specifications certification.

Galvanized products are produced according to the ASTM B695 standard with 1 mil. zinc plating. This plating represents the initial corrosion barrier that provides protection to approximately 500 hours of salt spray until red rust begins to form. A post-galvanization treatment, consisting of a proprietary coating and a proprietary sealant, is then applied. This post-galvanization process effectively doubles the corrosion resistance of the initial zinc plating allowing this hardware to withstand more than 1,000 hours of salt spray until the first sign of red rust.

All grounding and bonding products ARRIS provides undergo a stringent quality control process that begins with inbound raw materials and continues through the manufacturing and finishing process. Identifiers are stamped into each item for easy traceability back to the manufacturer so you can have confidence in the product you buy from us.





Manufactured to rigid industry standards

Standards are critical to provide confidence that the products you buy will perform up to your expectations in the field:

- UL® Listed and subject to periodic audits
- All materials, coatings, manufacturing and testing processes conform with ASTM specifications and requirements
- All items that cross over into the telephone market are required to meet or exceed Telcordia (formerly Bellcore) specifications
- Grounding and bonding products from ARRIS make it easy for you to comply with the new, and more stringent, NEC (National Electrical Code) requirements

Made in the USA

We believe in American-made materials and craftsmanship. Most of our products are made right here in the USA.

Grounding & Bonding at the Meter Box

Corner Meter Box Clamp

Order # 712350

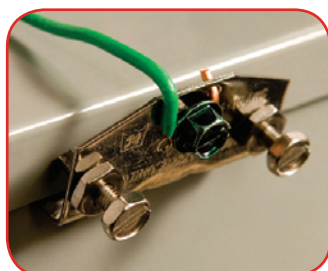
Features adjustable plate for level mounting on meter box cap. Accepts #14, #12 or #10 AWG ground wire. UL® Listed. NEC compliant.



Plate-Style Meter Box Clamp

Order # 212221

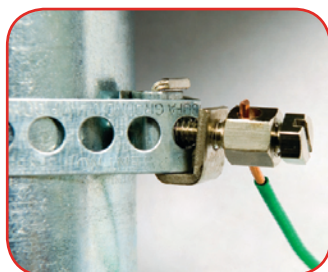
Accepts #14, #12, #10 AWG ground wire. UL® Listed. NEC compliant.



Ground Strap

Order # 209059

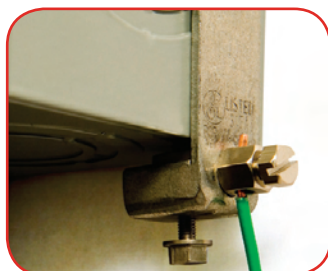
Premium strap with patented grounding lug. Accepts #14 – #6 AWG and fits 2" – 2½" pipe. UL® Listed. NEC compliant.



Meter Box Bracket

Order # 212222

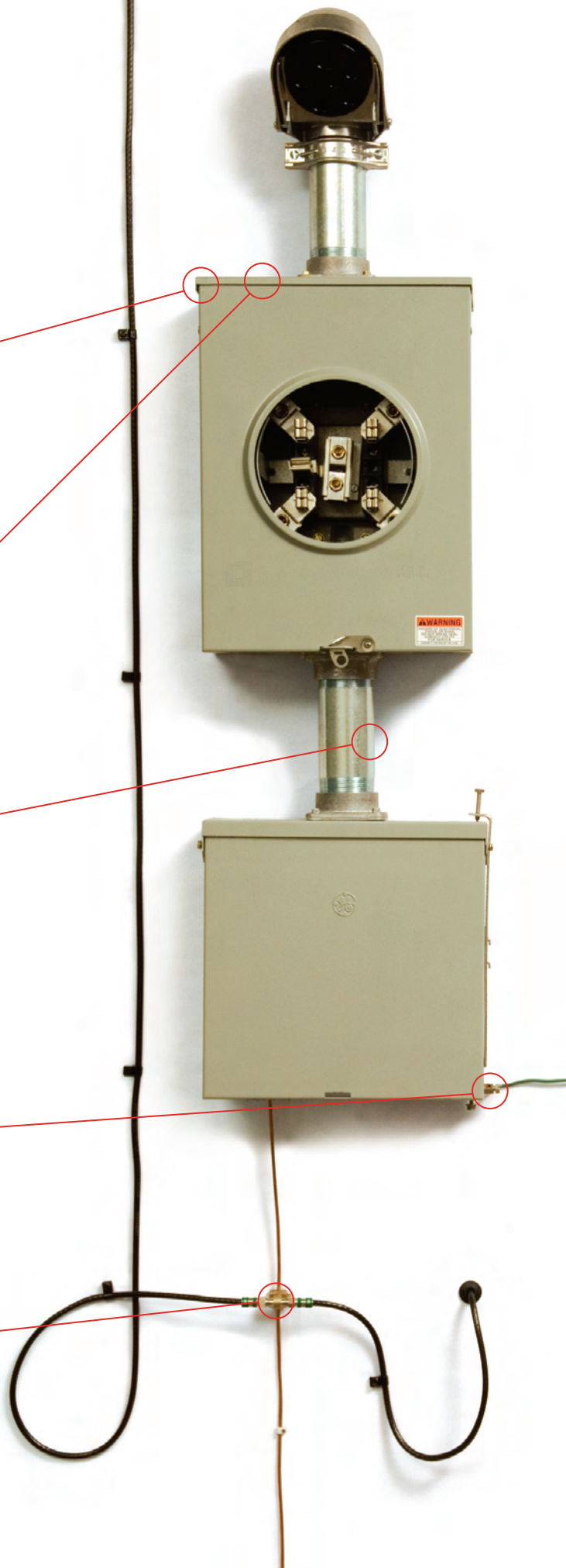
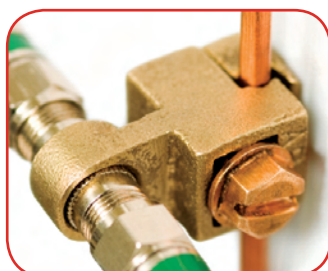
Heavy-duty bracket with patented grounding lug and multiple surface-piercing contacts. Accepts #14 – #6 ground wire and fits boxes 11½" – 15¼". UL® Listed. NEC compliant.



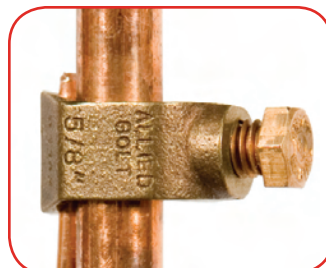
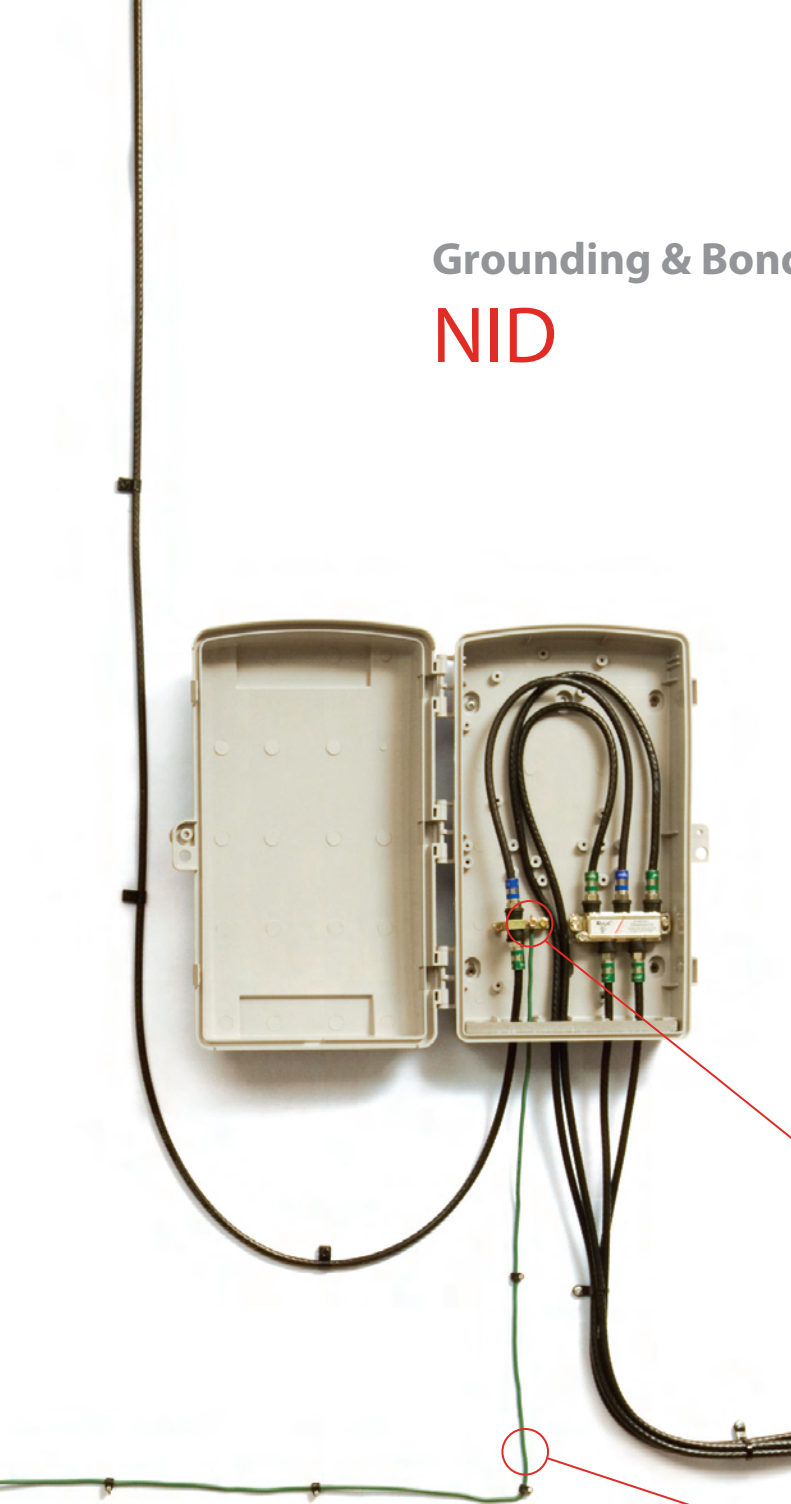
Coaxial Bonding Connector

Order # 719903

Bonds the coaxial service drop directly to the common utility service ground wire.



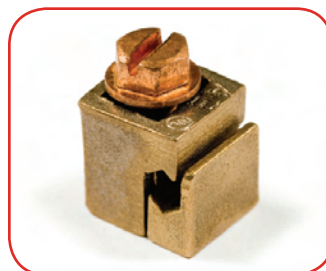
Grounding & Bonding at the NID



Ground Rod Clamp

Order # 006336

Acorn style for 5/8" copper rod. UL® Listed. NEC compliant.



Copper Vice Connector

Order # 006376

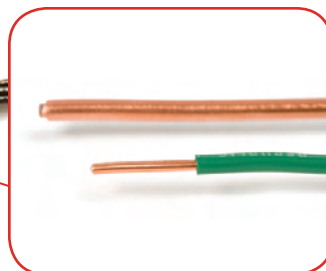
Connects #6 – #14, #12 or #10 AWG copper wires. UL® Listed. NEC compliant.



Single Ground Block

Order # 209377

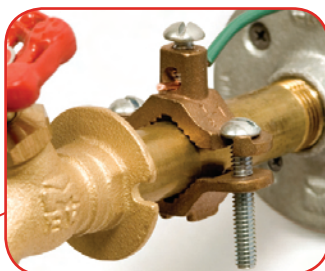
Used for grounding the CATV system outside of the subscriber's premises.



Ground Wire

Order # 240583 / 241756

Assortment of ground wires in all popular sizes and colors.



Water Pipe Clamp

Order # 209590

Water pipe/ground rod clamp. Accepts #14 – #4 AWG and fits 1/2" – 1" copper pipe. UL® Listed. NEC compliant.



Grounding & Bonding in the Aerial Plant



Copper Vice Connector

Order # 006376

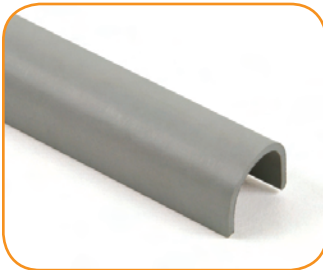
Connects #6 – #14, #12 or #10 AWG copper wires. UL® Listed. NEC compliant.



KUL Bonding Clamp

Order # 209589

For bonding ¼" and ⅝" galvanized strand to #6 AWG copper ground wire. UL® Listed.



Ground Wire Molding

Order # 003472

Used to protect cable and ground wire on utility pole.



Copper Staple

Order # 720881

Copper coated staple used to secure ground wire and ground wire molding.



Ordering Information

ARRIS #	Mfg #	Description	Qty
716954	2099	Insulated Drop Wire Clamp	(2) Pk.
706101	2100	Drop Wire Clamp	(2) Pk.
209710	2150	Tap Bracket for MDU Installations	Each
006336	2192	Ground Rod Acorn Style Clamp for 5/8" Copper Rod	Each
209058	9GAB	9" Galvanized Premium Ground Strap	Each
209059	12GAB	12" Galvanized Premium Ground Strap	Each
703255	24GAB	24" Galvanized Premium Ground Strap	Each
209107	6AB	6" Copper Premium Ground Strap	Each
209580	MSB8	Copper Split Bolt for #12, #14 or #10 AWG Copper Wires	Each
006413	MSB6	Copper Split Bolt for #6 – #14, #12 or #10 AWG Copper Wires	Each
006418	MSB4	Copper Split Bolt for #6 – #8 AWG Copper Wires	Each
209590	965	Bronze Water Pipe/Ground Rod Clamp for 1/2" – 1" Copper Pipe	Each
209597	1025	Clamp for Bonding Hardline Messenger Cable to #6 AWG	Each
006376	862	Copper Vice Connector for Connecting #6 – #14, #12 or #10 AWG	Each
212221	3301	Plate/Lip Style Meter Box Connector for #14, #12 or #10 AWG	Each
712350	856	Corner Style Meter Box Bonding Clamp with Adjustable Shim	Each
212222	3306	Bracket Style Meter Box Clamp Fits Boxes 11 1/2" – 15 1/4"	Each
209601	60020SQ	Trailer Beam Bonding Clamp w/ Square Head Fits 1/8" – 5/8" Beams	Each
209593	8700	Tin Plated Aluminum Grounding Lug for use with Aluminum, Copper or Steel	Each
209377	DRGB-81HP	Single Ground Block	Each
719903	2546	Coaxial Bonding Connector to Power Ground	50
209589	2125	KUL Bonding Clamp 1/4" and 5/16" Galvanized Strand to #6 Solid Copper	100
720881	25009	Copper Coated Ground Wire Staple	100
003472	11400	1/2" x 8' Ground Wire Molding	1000'
002949	MGR588	Ground Rod 5/8" x 8'	Each
240583	1A-0601S	Ground Wire #6 AWG, Bare	315' Reel
241756	12TW-GR	Ground Wire #12 AWG, Solid, Green Jacket	500' Payout Carton
241755	12TW-BL	Ground Wire #12 AWG, Solid, Black Jacket	500' Payout Carton

Listing includes our most popular items and sizes. Contact your ARRIS account representative for more information about our complete grounding and bonding product line.

Related Components



Order # 006418

Copper split bolt for connecting #6 – #16 AWG copper wires. UL® Listed. NEC compliant.



Order # 209601

Trailer beam bonding clamp with square head, #14 – #6 AWG. Fits beams from 1/8" – 5/8". UL® Listed. NEC compliant.



Order # 209593

Grounding lug, tin plated aluminum for #14 – #4 AWG. For use with aluminum, copper or steel. UL® Listed. NEC compliant.



Order # 209710

Bracket for grounding and mounting hard-line taps in MDU boxes. UL® Listed. NEC compliant.



Order # 002949

5/8" x 8' ground rod. UL® Listed. NEC compliant.

Premium Ground Straps

Galvanized straps are manufactured from ANSI 1010 steel. Hardware is nickel plated to avoid dissimilar metal contact.

Unique design eliminates the need to remove tightening bolt for installation. Accommodates up to #6 ground wire.

Raised perforations penetrate paint, corrosion, galvanized surfaces and other coatings to assure metal-to-metal contact.



Straps are UL® Listed.

Copper straps are manufactured from dead soft copper. Hardware is manufactured from pure brass.

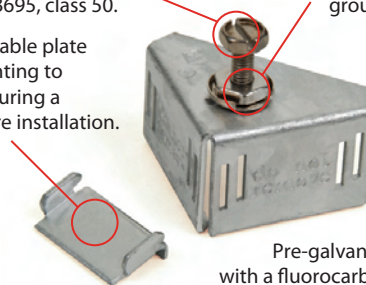
Deluxe Corner Meter Box Clamp

Easy installation on either front corner or the meter box cap without interfering with the cover.

Stainless steel mounting and ground screws meet ASTM specification B695, class 50.

Unique adjustable plate for level mounting to meter box assuring a safe and secure installation.

Ground screw accommodates #10, #12 or #14 AWG copper ground wires.



Pre-galvanized steel with a fluorocarbon finish.

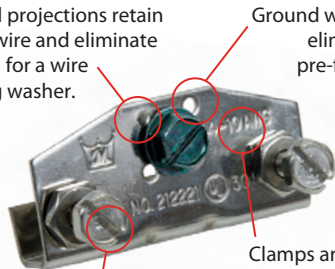
UL® Listed. Lightning surge tested and approved.

Plate-Style Meter Box Clamp

"U" shaped body is designed to fit on the top rain lip of the meter box or breaker box without opening or closing the lid.

Stamped projections retain ground wire and eliminate the need for a wire retaining washer.

Ground wire insertion holes eliminate the need to pre-form ground wires prior to insertion.



Mounting screws feature a special cutting tip that pierces through hard finishes for a secure metal-to-metal bond.

Clamps are marked with the corresponding UL® Listing number and the minimum and maximum wire size accepted, in this case #14 - #10 (NEC requirement).

Lightning surge tested.

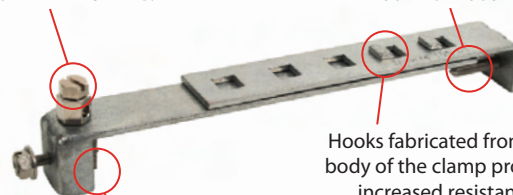
Clamp passed 1,500 amps for 6 seconds (UL® requirement).

Meter Box Bracket

Device will not interfere with meter box cover.

Patented stainless steel stud accommodates ground wires from #14 - #6 AWG.

Secondary screw provides secure mounting to the box from both ends.



Block with "teeth" penetrates paint, corrosion, galvanized surfaces and other coatings. Provides multiple points of grounding contact.

Hooks fabricated from the body of the clamp provide increased resistance to shearing or breaking.

Manufactured using galvanized steel with stainless steel hardware. Nearly twice as thick as competitive products.

UL® Listed. Lightning surge tested and approved.

Insulated Drop Messenger Clamp

Durable high-impact plastic is non-corrosive and isolates electrical conductivity.

Spacious channel comfortably accommodates all popular drop cable sizes, 59 - 11.

Smooth edges on notches are non-abrasive to terminated messenger wire.



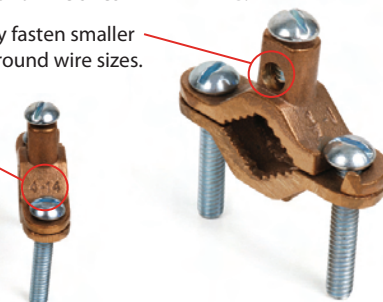
Water Pipe Clamp

Accommodates ground wire sizes #4 - #14 AWG.

Designed to securely fasten smaller #14 and #12 AWG ground wire sizes.

Marked for easy identification.

UL® Listed.



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